

WHAT IS CLAIMED IS:

1. An oil pump for an automatic transmission comprising:  
a pump body having a pump chamber,  
a pump cover disposed so as to oppose to the pump body,  
an inner rotor disposed in the pump chamber and driven by a driving force from  
a torque converter and  
an outer rotor meshed with the inner rotor,  
wherein the pump body includes a pump suction port, a pump discharge port, a  
first oil passage for supplying oil from a oil pan to the pump suction port, a  
second oil passage for returning excess oil of a first regulator to the first oil  
passage and a third oil passage having an outlet port for returning excess oil of a  
second regulator to the pump suction port.
2. An oil pump for an automatic transmission as recited in Claim 1, wherein the  
third oil passage has a circular arc shape so as to surround the suction port from  
outside and the outlet is formed on the end of the first oil passage side.
3. An oil pump for an automatic transmission as recited in Claim 2, wherein a  
projecting portion is formed on the outlet of the second oil passage and the oil  
flow from outlet is followed to the oil flow in the first oil passage.
4. An oil pump for an automatic transmission as recited in Claim 3 further  
comprising a pump plate which is disposed on mating faces between the pump  
body and the pump cover and which closes an opening of the pump chamber,  
wherein the pump plate includes a pump suction port, a pump discharge port, a  
first oil passage for supplying oil from the oil pan to the pump suction port and a  
projecting portion which is opposite to the projecting portion of the pump body.